

Title (en)
HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER

Title (fr)
ÉCHANGEUR DE CHALEUR

Publication
EP 3348975 A1 20180718 (EN)

Application
EP 16844148 A 20160819

Priority
• JP 2015177799 A 20150909
• JP 2016074186 W 20160819

Abstract (en)
In order to correctly measure a temperature of a working fluid flowing through an outlet/inlet of a heat exchanger body, a flow adjustment ring is disposed within at least either one of a high-temperature inlet pipe and a low-temperature inlet pipe of the heat exchanger body. In this manner, a core region in which velocity and temperature of the working fluid becomes approximately constant is formed on a downstream side of the flow adjustment ring. A temperature sensor is provided in such a manner that a sensing point is arranged in this core region.

IPC 8 full level
G01K 1/14 (2006.01); **F25B 49/02** (2006.01); **F28F 3/04** (2006.01); **F28F 9/00** (2006.01); **G01K 13/02** (2006.01)

CPC (source: EP US)
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Designated contracting state (EPC)
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